

What is claimed is:

1 1. A method of operating a service network connected to an
2 access network infrastructure shared with other service networks, comprising the
3 steps of sharing bandwidth allocated between the service networks.

1 2. A method of operating a service network connected to an
2 access network infrastructure shared with other service networks, comprising the
3 steps of using hardware address bridging so that the service networks can manage
4 layer three operations.